

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/001449

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H04J15/00, H04B7/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H04J15/00, H04B7/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-503048 A (ARRAYCOMM, INC.), 29 January, 2002 (29.01.02), Full text; all drawings & WO 99/40648 A1 & AU 9925719 A & EP 1055267 A1 & US 6185440 B1 & CN 1289466 A	1-8
A	JP 2001-506833 A (CWILL TELECOMUNICATIONS, INC.), 22 May, 2001 (22.05.01), Full text; all drawings & WO 98/27669 A1 & AU 9855243 A & EP 953235 A1 & US 612260 A & AU 731437 B & KR 2000069470 A & EP 953235 B1 & DE 69713156 A	1-8

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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Date of the actual completion of the international search
20 May, 2004 (20.05.04)Date of mailing of the international search report
08 June, 2004 (08.06.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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PCT/JP2004/001449

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/14870 A2 (ADAPTIVE TELECOM, INC.), 25 March, 1999 (25.03.99), Full text; all drawings & JP 2003-521822 A & AU 9894885 A & NO 200001026 A & US 6108565 A & BR 9812816 A & EP 1062746 A2 & CN 1278971 A & KR 2001030605 A & US 6347234 B1 & EP 1062746 B1 & DE 698220672 E	1-8
A	JP 2003-023380 A (ARRAYCOMM. INC.), 24 January, 2003 (24.01.03), Full text; all drawings & WO 96/22662 A1 & AU 9645952 A & US 5592490 A & TW 289187 A & EP 804858 A1 & FI 9703076 A & BR 9510197 A & AU 701764 B & JP 11-504169 W & MX 9705417 A1 & MX 193727 B & CN 1173265 A & CN 1419383 A & EP 1398845 A2	1-8
A	JP 2002-077980 A (Sanyo Electric Co., Ltd.), 15 March, 2002 (15.03.02), Full text; all drawings & WO 02/17666 A1 & AU 200180169 A & EP 1324627 A1 & US 2004/0022205 A1 & CN 1470143 A	1-8
A	JP 2002-077986 A (Sanyo Electric Co., Ltd.), 15 March, 2002 (15.03.02), Full text; all drawings (Family: none)	1-8
A	JP 2002-261670 A (Kabushiki Kaisha YRP Ido Tsushin Kiban Gijutsu Kenkyusho), 13 September, 2002 (13.09.02), Full text; all drawings (Family: none)	1-8
E,A	JP 2004-120730 A (Matsushita Electric Industrial Co., Ltd.), 15 April, 2004 (15.04.04), Full text; all drawings & WO 04/08671 A1	1-8
A	JP 2004-135302 A (Matsushita Electric Industrial Co., Ltd.), 30 April, 2004 (30.04.04), Full text; all drawings & WO 04/28031 A1	1-8